

STEEL STEAMER MOTORSHIP.

Received at London Office 20 JUN 1927

State of Report has been sent on the Freeboard of the Vessel *yes*State of Report is sent on the Machinery of the Vessel *yes*

Date of completion of report 14th June 1927

Port of Rotterdam

Survey held at Rotterdam

Date First Survey 21st July 1925

Last Survey 2nd June 1927

No. 16524

On the (State of Machinery fitted Aft and (if Single, Twin or Triple Screw) *Steel single screw Motor Vessel "GOLDMOUTH"*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling*

Machinery fitted aft.

TONNAGE under Tonnage Deck... 6757.90

CLASS +100 A1

State of with freeboard as condition of Class *no*

State Type of Erections Poop Bridge & Forecastle Built at Rotterdam

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 440.00*Breadth (greatest moulded) *B 59.00*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 32.75*

1st Longitudinal Number (L x D) = 14410

2nd Numerical L x (B + D) = 40370

Framing Depth "d," at middle of length. See Sec. 8 (1d) *13.44*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.44*Do. Long Bridge to top of keel *25-4 1/2*

Draught Moulded

Total

Gross Tonnage 7402.38

Register Tonnage 4275.12

REGISTERED DIMENSIONS.

FEET.

440.40

59.50

32.75

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
ES, Spacing amidships	27 1/2		Bracket Floors, Frame		
" from 1/4 length to Collision bulkhead	27		" " Reversed Frame		
" in peaks	24		" " Vertical Struts		
FRAMING.			Centre Girder, depth and thickness amidships	51 1/2 x 56	
Amidships, Angle, E or F	8 1/2 3 1/2 40		" " top Angles	Double 3 1/2 3 1/2 54	
" Extends up to	upper Deck		" " bottom Angles	Double 6 6 50	
Used Frame Amidships, Angle	15 x 4 x 4 x 41 W @ 9-3" spacing		Side Girders, No. each side and thickness	Three 50 44	
" Extends up to	upper Deck		Margin Plate	Horizontal 69 x 52	
of Framing Girder			" " Vertical Angle to Tank side	6 x 6 x 50	
es in Uppermost Continuous Deck	9 3 1/2 44		" " Bracket abaft 1/4 len. from stem		
" Second Deck, Angle, E or F	8 3 1/2 46		" " Vertical Angle to Tank side		
" Third " " "			" " Bracket forward 1/4 len. from stem		
ng in Peaks, Angle or F	8 3 1/2 46		" " Gussets, spacing and scantling		
ster and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5 1/4		" " Gussets, spacing and scantling		
Frame Joggled	yes		Tank Side Brackets, height above base line at toe of Frame and thickness	36 x 44	
G ARRANGEMENTS (Sec. 7), state system and particulars	2 Stringers 30 x 42 4 Web Frames 30 x 44	cuplens	INNER BOTTOM PLATING.		
THENING OF BOTTOM FOR-ED. State Particulars	6 6 44 frames 2 Side Keelsons Shell 68		Breadth and thickness of Middle Line Strake	84 x 1.00	
BOTTOM.			Thickness of remainder in Holds	.52	
Depth and thickness at mid-line in Holds	36 x 40		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	1.00 under Engines	
Height of Brackets at side above base line at toe of frame	36 above floor		BEAMS.		
Line Keelson, on Floors, Angles, E or F	3 1/2 3 1/2 44		Uppermost Continuous Deck, amidships	8 3 42	
" " Through Plate or Intercoastal Plate	55 x 46		" " in Way of Bridge, Angle, E or F		
" " Keelson Plate on Floors	12 x 60		Spacing	24	
" " Flat Plate Keel Angles	4 4 50		Second Deck, amidships, Angle, E or F	9 1/2 3 1/2 46	
Keelsons, No. each side	Two		Spacing	27 1/2	
" thickness of Intercoastal Plate	.44		Third Deck, amidships, Angle, E or F		
" Angles	6 6 44 Rider 18 x 46		Spacing		
BOTTOM. In Motor Space			Fourth Deck, amidships, Angle, E or F		
Keelsons, thickness and spacing	48-38 @ 27 1/2		Spacing		
" Are Frame and Reversed Frame joggled?	no		Poop Deck, Angle, E or F		
Floors, breadth and thickness at middle line			Spacing		
" breadth and thickness at margin plate			Bridge Deck, Angle, E or F	6 1/2 3 40	
			Spacing	27 1/2	
			Forecastle Deck, Angle, E or F		
			Spacing		

PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.			INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
Forecastle	33 1/4	8' 9"						
" in 'tween Decks, Size and Spacing.....	12 x 3 1/2	3 1/2 x 3 1/2	3 1/2					
" aft " " " " " " "	11 x 3 1/2	3 1/2 x 4 1/2	4 1/2					
" in Holds " " " " " " "	10 x 8	40	40					
Cargo Tanks " " " " " " "	8 1/2	3	3					
Quarter Bulkhead. " " " " " " "	8	3	3					
Stiffeners and Spacing.....	15 x 4	4	4					
also 3 Horizontals (See plan)	42							
Plating, thickness of								
STRINGERS AND DECKS.								
Uppermost Continuous Deck.								
Stringer Plate, breadth and thickness in Wells	72	66						
" " " " " " " " " " " " "	72	1' 00						
" " " " " " " " " " " " "	6	6	58					
Angle in Wells								
Thickness of Plating abreast Deck openings in way of Wells	66							
Thickness of Plating abreast Deck openings in way of Bridge	66							
Thickness of Plating within line of openings...	48							
If Sheathed, material and thickness								
Second Deck. Forward	37	44						
Stringer Plate, breadth and thickness in Wells...								
Stringer Plate, breadth and thickness in way of Bridge								
Thickness of Plating abreast Deck openings in way of Wells								
Thickness of Plating abreast Deck openings in way of Bridge								
Thickness of Plating within line of openings...								
If Sheathed, material and thickness								
Third Deck. aft								
Stringer Plate, breadth and thickness.....	48							
If Plated, state thickness.....	36							
Fourth Deck.								
Stringer Plate, breadth and thickness.....								
If Plated, state thickness								
Poop Deck.								
Stringer Plate, breadth and thickness	40							
Plating, Sheathing, material and thickness	40							
Bridge Deck.								
Stringer Plate, breadth and thickness.....	41	42						
Plating, Sheathing, material and thickness	26	3" P.P.						
Forecastle Deck.								
Stringer Plate, breadth and thickness.....	37	36						
Plating, Sheathing, material and thickness	28	3" P.P.						

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?		RIVETS.		No. of Rows of Rivets.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.		Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.
FLAT PLATE KEEL	49 1/2	1' 04	76	46		Double	1" 3 1/2	5 R	1 1/8	5	lapped
" DBLG. (if any)											
BOTTOM PLATING, No. of Strakes	82	66	50	50		Double	1 3 1/2	4 R	1	4	lapped
BILGE PLATING, No. of Strakes	86	66	50	50		"	1 3 1/2	4 R	1	4	"
SIDE PLATING, No. of Strakes	83 1/2	64	46	46		"	7/8 3	3 R	7/8	3 1/2	"
UPPER DECK, Sheer-strake in Wells.....	57	1' 08	48	48		"	1 1/8 4	5 R	1 1/8	5 1/2	"
UPPER DECK, Sheer-strake in Bridge ...	1' 26	@ Break of Poop				"	1 1/8 4	5 R	1 1/4	5 1/2	"
STRAKE BELOW SHEER-strake in Wells.....	61 1/2	89	48	48		"	1 3 1/2	5 R	1 1/8	5	"
STRAKE BELOW SHEER-strake in Bridge ...	do										
POOP SIDE PLATING	40					Single	3/4 3	2 R	3/4	2 5/8	"
BRIDGE SIDE PLATING ...	42	50 @ Bridge Ends				Double	3/4 3	2 R	3/4	2 5/8	"
FORECASTLE SIDE PLATING	42					Single	3/4 3	2 R	3/4	2 5/8	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c).....	15 as per Plan
" Deck next below	✓
As per Rule	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
Oil Light MIDSHIP BULKHEAD, Upper tween decks	44 38	8 x 3 1/2	40	20 x 40	all plan
" " Second " "	45	45 x 44		22 x 44	Face Bar
" " Third " "	45	45 x 44		27 x 44	Face Bar
" " Holds	50. 40. 36	7 x 3 1/2	38	24	Semi Box
COLLISION " (in Hold)	34. 30. 28	3 1/2 x 3 1/2	40	24	Beams etc as per Plan
AFTER PEAK " "	76. 50. 34	10 1/2 x 3 1/2	56	24	Beams etc as per Plan

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	Forging	10 1/2 x 2 7/8		
STERN FRAME { Propeller Post	"	10 1/2 x 8 1/2	F. Krupp.	Green. Cert. No.
{ Rudder "	"	9 x 8	do	2275 here with.
RUDDER—A x D		1020		
Speed of Vessel		11.9 Nautical Miles		
RUDDER mainpiece at head ...		13 1/2"		Cert. No. 78
" " heel ...		10 1/4"		Here with.
" how constructed	Forged.	Atms Chrom & Keyed on to Main Piece		
" double or single plate	Single Plate	F. Schichau		
" coupling, vertical or horizontal.....	Horizontal	Gilling		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	Stockson - on - Lees ; Dorman Long & Co Middlesbrough Simens - Martin open Hearth
	Has the Steel been tested as required by the Rules?	Yes.

EQUIPMENT No. 41958										LETTER <i>omit</i>	ANCHORS.
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
29634	1st Bower	80	0	0	Stocks			58	10	0	0
29671	2nd "	69	0	0	do			53	5	0	0
29670	3rd "	65	2	0	do			51	5	0	0
	Collective weight	214	2	0					62	0	0
59956	Stream	20	3	10	5	0	25	21	10	1	7
									207	0	1

CHAIN CABLES.										HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Status.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
14005	Fathoms. 150	Ins. 2 1/2	Tons. 112 1/2	Tons. 157 1/2	Cwts. qrs. lbs. 480 - 2 - 21	Owts.	Fathoms. 300	Ins. 2 1/2	Slud link.	S. Taylor & Sons.	Low Walker 8/2/27	TOWLINE...	Fathoms. 130	Ins. 5 1/2	Tons. 74.5	Fathoms. 130	Ins. 5 1/2
14008	150	2 1/2	112 1/2	157 1/2	480 - 0 - 0	844 1/4	300	2 1/2	"	"	"	HAWSERS & WARPS	4@100	23 1/4	"	4@100	23 1/4
Flow Stream Chain or Steel Wire	120	Cir. 5	62 1/4			900	120	Cir. 5	SW.	Brown & Co	" 11/2/27	"					

Steering Gear, Steam	Hastie's Electro-Hydraulic (Helo-Shaw)	Steering Gear, Hand	yes	On winch							
Boats	4 life boats	Steering Chains, Size and Test		Windlass	Steam Patent						
Ceiling in Holds, thickness and material	✓	Cargo Battens, thickness, material and spacing	✓								
Cargo Hatchways.—(Upper Deck)	Oil Tight Hatches	Thickness of Hatches	Steel Covers								
Size of No. 1 Hatchway (Forward)	✓	No. 2	✓	No. 3	✓	No. 4	✓	No. 5	✓	No. 6	✓
Number of Shifting Beams and/or Fore and Afters	✓										

	Builder's Signature	Maatschappij voor Scheeps- en Werktuigbouw
	<i>FIJENOORD</i>	
	<i>1927</i>	

GENERAL DECLARATION	The vessel has been constructed in accordance with the approved plans, and the Secretary's letter M 8-4-25 respecting this case, and those plans approved for the sister vessels referred to below, and in General Conformity with the Society's Rules. The workmanship was found good. The cargo tanks, wing tanks, fuel bunkers, deep tanks, peak tanks, settling tanks, lubricating oil tanks, & double bottom tanks, have all been tested with a head of water as required by the Rules and all found sound and tight.
	The Freeboards have been verified and the freeboard marks cut in on the vessels sides.
	Sister Vessels M.V. "Marpessa" Rotterdam Report No 15718
	Forging Certificates Nos 1417; 203; 75; 2275 "Telena" 16247
	enclosed herewith. The approved plans have been retained in this office for dealing with No 303
	Copy of plan of midship section of vessel as built is enclosed herewith.

The amount of Entry Fee	£s. 120 00	Fees applied for,	16/6 1927
Special Survey Fee	£s. 6931 00	Received by me,	29.7.27
Freeboard	156		
Travelling Expenses, if any	£s. 130		
State whether the Vessel has been built under Special Survey	<i>yes</i>	Signature	<i>W. J. C. van der Burgh</i>
Certificate to be sent to the Surveyor Rotterdam	Date of issue	24/6/27	Surveyor to Lloyd's Register of Shipping.

Committee's Minute	FRI. 24 JUN 1927
Character assigned	<i>+ 100 A1. Carrying Petroleum in Bulk</i>
	<i>Lloyd's A & C.P.</i>
	<i>+ L.M.C. 6.24 C.R.</i>
	<i>Oil Engines</i>
	<i>25.5.1926</i>
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	<i>Lloyd's Register Foundation</i>
	<i>012553 - 012563 - 00143</i>

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Particulars of **Drop Test** of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	45-0-23	KH	4010	16-6-26	Dusseldorf
2nd "	40-0-12	MB.	2847	15-7-26	do
3rd "	36-1-26	KH	4160	14-9-26	do

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 98.5 ft., R.Q.D. ☒ ft., Bridge 34.0 ft., Forecastle 58.25 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *One Steel Deck.*

Official No. *149838* ; Signal Letters _____ Is bottom of Vessel coated with cement *Yes* if not give particulars of composition *and further coated.* *at outside strakes*

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <i>In Motor Space.</i>	68.75	285	Fore peak tank,	23.0	162
Double bottom, under Engines and Boilers,			After peak tank,	14.0	67
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	31.5	284
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom		285	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. *696*

Date *29-5-25*

Dates of Surveys held while building

21-30; 17; 16, 18, 25, 29; 12, 26; 15; 11-26; 11, 17, 23; 14, 19, 30
7-25; 8; 9; 10, 21, 27; 4, 8, 11, 18, 24, 30; 8, 14, 21, 30; 4, 6, 10, 12, 19, 26; 2, 3, 7, 10, 13, 16, 23, 30
5; 6; 7, 13, 14, 21, 27, 28; 2, 8, 11, 24; 2, 3, 7, 15; 16, 17, 24, 30
10; 11; 12; 4, 13, 27; 1, 11, 16, 18; 4, 8, 12, 14, 15, 23; 3, 6, 9, 11, 13, 16; 2
1, 19, 27; 2; 4; 5

Total No. of Visits *81*

PARTICULARS OF LONGITUDINAL FRAMING.

20 JUN 192

FRAMING.	AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.				
	In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames. Diam. Spacing.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.		
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Number.			Diameter. Inches.		
L, L or C																	
Bridge 'tween Decks ...																	
Uppermost Continuous No. 1																	
" 2																	
" 3																	
" 4																	
" 5																	
" 6																	
" 7	10	3 1/2	50	L			10	3 1/2	50				1"	4 1/2		16	7/8
" 8	15 x 4 x 1/4 x 41W		62F	L			15 x 4 x 1/4 x 41		62								
" 9																	
" 10																	
" 11																	
" 12																	
" 13																	
" 14																	
" 15																	
" 16																	
Amidships	30						30										
At Ends																	
Tank Top Longitudinals																	
Bottom																	
Longitudinals { Amidships																	
At Ends...																	
Transverses.																	
Depth and Thickness																	
Face Angles																	
Lugs to Shell*																	
Depth and Thickness																	
Face Angles																	
Lugs to Shell*																	
Depth and Thickness	55 x .48						55 x .48										
Face Angles	6 x 3 1/2 x .64 Double		7 1/2				6 x 3 1/2 x .64 Double										
Lugs to Shell*	6 x 6 x .46						6 x 6 x .46						1"	4 1/2			
Brackets	3 1/2 x 3 1/2 x .44 Back bar						3 1/2 x 3 1/2 x .44 Back bar										
Transverse Frames	9-2						9-2										
Joggled or liners.	Lugs to shell are joggled.																
Bridge Deck ...	6	3	34	5 1/2	3	34	6	3	34	5 1/2	3	34	3/16				
Upper Forecastle "	9	3 1/2	48	7	3	34	9	3 1/2	48	7	3	34	3/16				
Second "				5 1/2	3	34				5 1/2	3	34	3/16				
Third "																	

Particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

012553 - 012563 - 0017